



IPW

1309.43669X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hiroshi SUZUKI et al.

Serial No.: 10/802,913

Filed: March 18, 2004

For: STORAGE SYSTEM

Group: 2185

Examiner: Not yet assigned

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 3, 2005

Sir:

In the matter of the above-identified application, Applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration. Copies of the U.S. Patents and Publications are not attached.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Applicants were unable to obtain a copy of Transistor Gijutsu Special No. 28, 2d Ed., CQ Publishing Co., Ltd., January 20, 1993, pages 4 and 7. Applicants will forward a copy as soon as it becomes available.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Mattingly, Stanger & Malur, Deposit Account No. 50-1417 (referencing attorney docket no. 1309.43669X00) please credit any excess fees to such deposit account.

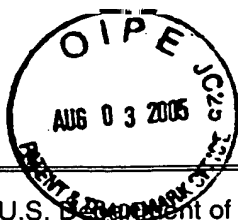
Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



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SHEET 1 OF 4

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

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APPLICANT

Hiroshi SUZUKI et al.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,886,424	3-1999	KIM			
	6,272,573	8-2001	COALE et al.			
	2003/0177404 A1	9-2003	JORGENSEN et al.			
	2003/0200472 A1	10-2003	MIDORIKAWA et al.			
	2004/0003306 A1	1-2004	OOMORI			
	2004/0088589 A1	5-2004	WESTERINEN et al.			
	2002/0032875 A1	3-2002	KASHANI			
	2004/0181699 A1	9-2004	KATOH et al.			
	2004/0255174 A1	12-2004	CHEN et al.			
	2005/0081068 A1	04-2005	SAKAKIBARA et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
	WO 93/23805	11-1993	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

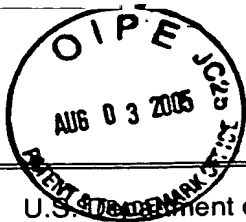
	Transistor Gijutsu Special No. 28, 2d Ed., CQ Publishing Co., Ltd., January 20, 1993, pages 4 and 7.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])



FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 1309.43669X00	SERIAL NO. 10/802,913
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003/0041278 A1	2-2003	LIN			
	2004/0068670 A1	4-2004	SUZUKI et al.			
	2002/0087899 A1	7-2004	KANO et al.			
	2004/0143688 A1	7-2004	SUGIMOTO			
	2003/0217300 A1	11-2003	FUKUMORI et al.			
	2004/0078663 A1	4-2004	INABA			
	2004/0111560	6-2004	TAKASE et al.			
	2004/0193791 A1	9-2004	FELTON et al.			
	2004/0199353 A1	10-2004	BINGHAM et al.			
	5,325,363	6-1994	LUI			

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	5,675,816	10-1997	HIYOSHI et al.			
	5,768,117	6-1998	TAKAHASHI et al.			
	5,790,374	8-1998	WONG			
	5,842,030	11-1998	LARABELL et al.			
	5,915,122	6-1999	TSURUMI			
	6,012,124	1-2000	KAMO et al.			
	6,094,725	7-2000	HIYOSHI et al.			
	6,231,224	5-2001	GAMBLE et al.			
	6,317,839	11-2001	WELLS			
	6,510,050	1-2003	LEE et al.			

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	6,742,068	5-2004	GALLAGHER et al.			
	6,520,809	02-2003	SON			
	5,541,787	07-1996	JABBARI et al.			
	3,432,795	03-1969	JAYNE			
	6,883,065	04-2005	PITTELKOW et al.			
	2005/0021906 A1	01-2005	NAKAMURA et al.			
	6,636,933	10-2003	MACLELLAN et al.			
	5,583,876	12-1996	KAKUTA			
	5,335,327	08-1994	HISANO et al.			
	5,636,356	06-1997	KAKUTA et al.			

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